

# **CURRICULUM VITAE**

**DR.B. LAKSHMANNA**

*M.Sc., B.Ed., Ph.D.*

S/o B.Hanumanthu

Plot.No. 54

Tungabhadra Colony

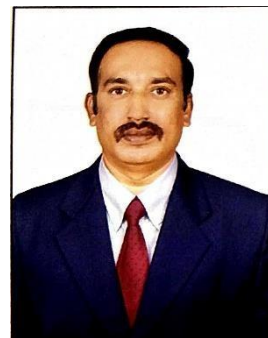
Sunkesula Road

Kurnool-518004.

Andhra Pradeah.,India.

Google sites link:

<https://sites.google.com/view/drblakshman>



## **• Career Objective**

To utilize my knowledge, teaching aptitude, potentialities and experience to optimum efficiency and work with unflinching determination in imparting the best kind of conceptual education for the students thereby aiming at the over all development of the students and also the progress of the institution for which I serve.

## **• Educational Qualifications**

<b>Qualification</b>	<b>Year</b>	<b>Institution/College/University</b>	<b>Percentage</b>
Ph.D.	2023	Rayalaseema University	-
<b>Title of Thesis: “Some MHD Convective flows through Porous medium”</b>			
M. Sc Mathematics	April 2007	S.K University Anantapur.	72%
B. Ed	Nov 2012	TAGORE college of Education Kodumur	65.35%
B. Sc(M.P.C)	APRIL 2003	Govt.Degree college for men Kurnool	71.76%
Inter(M.P.C)	APRIL 2000	Coles memorial Jr. college, Kurnool	64.53%
S.S.C	April 1998	Z.P.H School,Laddagigiri	72.35%

## • Technical skills

### Computer Proficiency :

Application Software : MS – Office, Exel , Power Point.

## • Teaching Experience (Having Total 16 Years of Teaching Experience)

- Worked as an Assistant Professor of Mathematics in A.V.R & S.V.R Engineering college, Nandyal from Aug. 2007-Sep.2009.
- Worked as an Assistant Professor of Mathematics in Dr.K.V. Subba Reddy institute of Technology, Kurnool from Oct.2009-Dec.2015
- Worked as an Associate Professor of Mathematics and HOD, Department of H & B.S from Jan2016-May 2017.
- Working as a Lecturer in Mathematics at St. Joseph's Degree College, Kurnool.

## • Research Experience

### Publications/Journals: I Published 5 Papers in National and Internal Journals.

1. "Heat and Mass transfer on MHD flow of an incompressible fluid past an infinite vertical porous plate, *Journal of Ultra scientist of physical sciences*, vol.29, no.9, pp. 234-237(2017), UGC Approved list S.no.44588, DOI: <http://dx.doi.org/10.22147/jusps-B/290903>. ISSN: 2319-8052.
2. "Hall effects on MHD flow of second grade fluid through porous medium with oscillatory suction", *International Journal of Applied Engineering Research*, vol.13, no.7, pp.4782-4790(2018), UGC Approved list S.no.64529, <https://dx.doi.org/10.37622/IJAER/13.7.2018.4782-4790>, ISSN: 0973-4562.
3. "Heat transfer on MHD rotating non-Newtonian fluid flow through parallel plate porous channel", *International Journal of Applied Engineering Research*, vol.13, no.10, pp.8200-8204(2018), UGC Approved list S.no.64529. <https://dx.doi.org/10.37622/IJAER/13.10.2018.8200-8204> ISSN: 0973-4562.
4. "Unsteady MHD Convective flow of an Incompressible viscous fluid through porous medium over a vertical plate", *Annals of Pure and Applied Mathematics*, vol.16, no.2, pp.451-460, UGC Approved list S.no.48890, <http://dx.doi.org/10.22457/apam.v16n2a23>. ISSN: 2279-087X (P), 2279-0888(online)(2018).
5. "Heat and Mass transfer Flow on Magneto Hydro Dynamic Convective flow through Porous medium between Infinite vertical plate with Soret and Joules dissipation". *Journal of algebraic statistics(ESCI)*, Volume 13, No. 1, 2022, p. 990 – 998, ISSN: 1309-3452, <https://publishoa.com>.

6. “Innovative Mathematical Model for Predicting Magnetic Field Effects on Magnetohydrodynamics Flow in Complex Geometries”. **Patent and Design Journal-“Intellectual Property India”**-Published date: 01-09-2023,  
<https://search.ipindia.gov.in/DynamicUtility/Journal/Patent>

## **Conferences:**

### **Paper Presentations:**

1. Presented a paper titled “Heat and Mass Transfer on MHD Convective flow through Porous medium past an Infinite vertical plate with Soret and Joules dissipation” at the *International Conference on Applications of Fluid Dynamics*, organized by Vellore Institute of Technology, Tamilnadu, **December 13-15, 2018, FT2\_100**
2. Presented a paper titled “Heat and Mass Transfer on MHD Convective flow through Porous medium past an Infinite vertical plate with Soret and Joules dissipation” at the *National Level Conference on “Recent Trends in Pure and Applied Mathematics (NCRTPAM)* organized by the Rashtriya Sanskrit Vidyapeetha, Tirupati, 6<sup>th</sup>- 8<sup>th</sup> Dec.2019
3. Presented a paper titled “MHD fluid flow of an incompressible Viscous fluid through Porous medium on a vertical plate” at the *3<sup>rd</sup> National Conference on “Contemporary Trends in Science and Humanities”(NCCTSH)* organized by Santhiram Engineering College, Nandyal, 13<sup>th</sup> June 2020. ISBN:978-81-945588,0-4.

## **Seminars / Workshops/FDP**

### **Participations:**

1. Participated in FDP on “*Differential Equations and its Applications*” Organized by St.Joseph’s Degree College, Kurnool on 14-July-2018.
2. Participated in FDP on “*Effective usage of ICT Using MS-office & Internet*” organized by St.Joseph’s Degree College, Kurnool from 18<sup>th</sup> February to 2<sup>nd</sup> March 2019 .
3. Participated in *Five days Online Workshop on “Mathematical Sciences for CSIR-NET/SET/GATE”* Organized by the Department of Mathematics, Sree Narayana Guru Colege, K.G.CHAVADI, COIMBAORE, From May 11-15, 2020.
4. Participated in *Two day National level FDP program on “How to become a Teacher 2.0”* conducted by the North Storm academy on 13<sup>th</sup> and 14<sup>th</sup> may 2020.
5. Participated in the *International Webinar on “How to Write Research Paper”* Organized by the Department of Mathematics & Physics , KLE Society’s Science and Commerce College, Navi Mumbai, Maharashtra on 14<sup>th</sup> may2020.
6. Participated in E-Quiz on “*Research Methodology and Statistical Analysis*” Conducted by the St.Joseph’s P.G College, HYD, Telangana on 17<sup>th</sup> May 2020.
7. Participated and Completed a *Three Days National Level Online Course on “Operation Research”* Organized by the Department of Mathematics ,Senthikumara Nadar College(A), Virudhunagar from 18<sup>th</sup> May 2020 to 20<sup>th</sup> May2020 with passing Score of 88%.

8. Participated in a *Webinar on “ Applications of Linear Algebra in Computer Science ”* Organized by the Bhavan’s Vivekananda College(A), Secunderabad, 23<sup>rd</sup> may 2020.
9. Participated in a *Webinar on “ Employability Skills in Curriculum Design ”* Conducted by Audisankara College of Engineering & Tech.(Autonomous) held on April 26, 2020.
10. Participated in *Two Days International Webinar on “Fluid dynamics and its Applications”* Organized by Government First Grade College, Vijayanagara, Bengaluru, Karnataka on 28<sup>th</sup> and 29<sup>th</sup> May 2020.
11. Participated in *FDP on “NTAUGC NET& SET Paper I-Numerical Aptitude Training”* Organized by the Department of Mathematics, Parvathy’s Arts & Science College, Dindigul, Tamilnadu from 01.06.2020 to 06.06.2020.
12. Participated in the Two days National Online Workshop on “ PYTHON PROGRAMMING-A MATHEMATICAL SKILL ENHANCEMENT WORKSHOP From 1<sup>st</sup> June 2020 to 2<sup>nd</sup> June 2020, Organized by Department of Mathematics, St. Anne’s Degree College for Women, Halasuru, Bangalore.
13. Participated in *National Level FDP on “ Exploring Facts in Writing a Research Article ”* Organized by Department of Computer Science , St.Joseph’s Degree College , Kurnool on 10<sup>th</sup> June 2020.
14. Participated in *Two day International Webinar on “ Recent Advances in Mathematics & Covid-19 ”* Organized by the Department of Mathematics and Statistics & IQAC, St.Joseph’s College for Women(A), Visakhapatnam, Andhra Pradesh in association with UASMS &SMSMS on 15<sup>th</sup> & 16<sup>th</sup> June 2020.
15. Participated in an *International Webinar on “ Emerging Trends in Graph theory ”* Organized by P.G & Research Department of Mathematics, Sacred Heart College (A), Tirupattur from 14<sup>th</sup> to 16<sup>th</sup> June 2020.
16. Participated in the *National Webinar on “Topological Indices-worm’s Eye view”* Organized by PG & Research Department of Mathematics, St.Joseph’s College of Arts and Science(A) on 17.06.2020.
17. Participated in the *National Webinar on “Fuzzy Applications”* Organized by PG & Research Department of Mathematics, St.Joseph’s College of Arts and Science(A) on 18.06.2020.
18. Participated in an *International Webinar on “ Laplace Transform and its Applications ”* on 22.06.2020 Organized by the Department of H &S (Engineering Mathematics), Malla Reddy Institute of Technology and Science, Secunderabad.
19. Participated in the National Level Webinar on “ *Modelling and Simulation of Fluid Flows using Partial Differential Equations* ” Organized by Department of Humanities & Sciences , CMR Engineering College , Hyderabad, held on 25<sup>th</sup> June 2020.

20. Participated in the National Webinar on “*Mathematical Applications on Differential Equations*” Organized by Department of Mathematics, Sir C R Reddy College, Eluru, AP, on 26<sup>th</sup> June 2020.
21. Participated in One week Faculty Development Program on “*Importance of Mathematics in Science and Technology*” Organized by the Department of Mathematics, GMRIT from 25<sup>th</sup> -29<sup>th</sup> June 2020.
22. Participated in one day National Webinar on “*Coloring of graphs*” Organized by Tirumala Engineering College, Jonnalagadda, Narasaraopet, AP on 26<sup>th</sup> June 2020.
23. Participated in a Two week online FDP on “Current Trends in Applications of Mathematics” Organized by the Department of Mathematics, School of Sciences and Humanities, VelTech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Avadi, Chennai, Tamil Nadu, from 21-09-2022 to 04-10-2022.
24. National e-Conference “Implementation of NEP in Higher Education Institutions” Organized by IQAC, St.Pious X Degree and P.G College for Women, Nacharam, HYD on 14<sup>th</sup> and 15<sup>th</sup> October 2022.

### **Subjects Taught:**

Engineering (UG)	Degree (UG)	P G
1. Mathematics-I	1. Differential Equations	1. Number Theory
2. Mathematics-II	2. Solid Geometry	2. Functional Analysis
3. Mathematics-III	3. Analytical Skills	3. Mathematica
4. Mathematics-IV	4. Group Theory	4. Methods
5. Probability & Statistics	5. Real Analysis	4. Complex Analysis-I
	6. Linear Algebra	5. Complex Analysis-II
	7. Laplace Transforms	6. Probability & Statistics
	8. Linear Programming	7. Operation Research
		8. Numerical Analysis

### **Personel Details :**

Name : Dr.B. LAKSHAMANNA  
 Father's Name : B. HANUMANTHU  
 Date of Birth : 02-07-1981  
 Age : 41 Years  
 Marital Status : Married  
 Languages Known : English, & Telugu.  
 (To Speak, Write & Read)  
 Address for Communication : Plot. No. 54  
 Tungabhadra Colony,  
 Sunkesula Road  
 Near Gandhi Towers  
 Kurnool – 518004.

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• **Declaration**

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I hereby declare that all the information mentioned above is true to my knowledge.

**(Mr.B. LAKSHAMANNA)**